

Exhibits 1 – 3

**TO THE DECLARATION OF
STEPHEN A. CAZARES RE: DEFENDANT
RAMESH BALWANI'S MOTION TO
EXCLUDE TRIAL EXHIBITS 3790 AND
4871 AND RELATED TESTIMONY**

Exhibit 1

Subj: Theranos notes
Date: 10/27/2006 8:35:08 AM Central Standard Time
From: BTolbert@
To: challhfg@

Craig,

Attached are my notes from the conference call re: Theranos yesterday. I'm waiting on additional information from them later this morning.

Regards,

Bryan

Monday, October 30, 2006 America Online: Challhfg

SEC-HBD-E-0000308

USAO-SEC-0001755

THERANOS

Contacts:

Elizabeth Holmes	and eholmes@theranos.com
Gary Nordheimer	and cell
Chris Lucas	and cell

3 Trends:

Concept of wireless home moves healthcare into the home, remote patient care (database HL7 compliant?)

Systems which allow a patient to interact in a consumer electronics environment

Personalized medicine

Investors:

Donald Lucas – current Chairman of the Board. Is the uncle of Chris Lucas who owns Black Diamond Ventures. Black Diamond is being allowed to participate by virtue of relationship with Donald Lucas.

ATA Ventures

Black Diamond Ventures

Continental (MD Anderson)

Reid Dennis (Institutional Venture Partners)

Dixon Doll (Doll Capital Management)

Draper Fisher Jurvetson

Druker Capital

Esoom Taipei (Asian biotech manufacturing fund)

Jupiter Partners (Bryan and Edwards)

Don Lucas and affiliated funds

Victor Palmieri

Robert Shapiro (former Pharmacia Chairman)

Tako Ventures (Larry Ellison) - \$10 million 1st round

Avie Tevanian (former Apple CTO) - \$2 million?

Westway Capital

First raise was \$16 million. This round is \$30 million with a \$125 million pre-money valuation. Expects this to be final raise pre-IPO. IPO is anticipated in 1Q 2008. Expect IPO to be valued around \$1 billion. \$30 million to be used for 1) manufacturing – moving from a manual assembly infrastructure to a fully automated system and 2) continue to fund successive iterations of the technology including decreasing amount of blood required in the pinprick and number of assays in the cartridge.

SEC-HBD-E-0000309

USAO-SEC-0001756

Elizabeth Holmes:

Finished High School at 17. Spent 6-9 months a year in Beijing and completed her university degree at University in Beijing in Mandarin. She dropped out of Stanford's Chemical and Electrical Engineering Phd program on the advice of her mentor Channing Robertson.

Has 27 patents, 1 granted, 26 pending

Financials

Current burn rate \$1 million/month

\$3 million in revenues should be received for 2 contracts which have already been shipped.

Has signed/in negotiations contracts through 2007 for \$30-\$50 million.

Expects to be cash flow positive by 4Q '07

Their contracts are for \$7500/patient for 4 months.

The cartridge they charge \$80/per with manufacturing costs dropping from \$65 to \$10 now.

Drug Monitoring trials

Phase I – 50-250 patients for 6 months to 1 year.

Phase 2 – 5000-7500 patients for 1-2 years.

Investment through Black Diamond Ventures – fund started in 1999

2.5% annual management fee on committed funds and 16% of the upside.

We have a window for up to \$2 million and Gary Nordheimer is putting in \$500,000.

BTW – Gary Nordheimer claims as his best friend Tom Boggs – lobby lawyer.

SEC-HBD-E-0000310

USAO-SEC-0001757

Exhibit 2



FEDERAL BUREAU OF INVESTIGATION

Date of entry 03/27/2019

BRYAN TOLBERT was interviewed via telephone. Securities and Exchange Commission (SEC) Attorneys Rahul Kolhatkar and Mark Katz were present for the interview. Assistant United States Attorney (AUSA) John Bostic, AUSA Robert Leach and United States Postal Inspection Service Postal Inspector Christopher McCollow were present for the interview. Attorneys Joel Reese, Reese Marketos LLP and Stephanie Byrd, HALL GROUP, were present on behalf of TOLBERT. After being advised of the identities of the interviewers and the nature of the interview, TOLBERT provided the following information:

TOLBERT has not given any previous depositions or other testimony regarding THERANOS, INC. (THERANOS). TOLBERT earned his undergraduate degree from the University of Georgia and his Master of Business Administration from Brigham Young University in 1996. TOLBERT worked in Dallas, Texas for a few years and then joined the HALL GROUP in 1999. TOLBERT's title may have been Financial Analyst when he joined. At the time of the interview TOLBERT was the Vice President of Finance. As part of this role, TOLBERT did some corporate work. He also worked on private equity investments, which was what led TOLBERT to interact with THERANOS. The HALL GROUP also invested in some public companies. TOLBERT had the same primary responsibilities throughout his career at the HALL GROUP. DONALD BRAUN was the President of the HALL GROUP and CRAIG HALL was the owner. TOLBERT would speak with HALL about companies when he would hear of an investment opportunity. If the HALL GROUP did decide to make an investment, TOLBERT then had daily oversight and responsibility for the investments.

TOLBERT did not remember how he first heard of THERANOS. Ultimately, the HALL GROUP invested in 2006. HALL and TOLBERT had conversations with CHRISTOPHER LUCAS. LUCAS was putting together a fund which would invest in THERANOS. TOLBERT had some conversations with LUCAS around what his team did around the opportunity. In early 2007 or late 2006, TOLBERT went to California and met with ELIZABETH HOLMES, LUCAS, and DONALD LUCAS, SR (DON LUCAS). The group went to dinner to discuss THERANOS. After the dinner the HALL GROUP decided to move forward with their investment in THERANOS. TOLBERT did not know LUCAS prior to 2006. TOLBERT met with HOLMES again in-person possibly in 2017, but not at all between the dinner in 2006 and the next investment in 2013. Between 2006 and 2013 TOLBERT did not have any

Investigation on 03/21/2019 at San Francisco, California, United States (Phone)

File # 318A-SF-7315857

Date drafted 03/21/2019

by CAMERON W W PURVES

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Continuation of FD-302 of (U) Interview of Bryan Tolbert , On 03/21/2019 , Page 2 of 6

direct telephone calls with HOLMES, but TOLBERT remembered being on a late 2013 telephone call. TOLBERT never met SUNNY BALWANI in-person and has never been on a call with BALWANI.

[Agent Note: TOLBERT was directed to review document Bates numbered SEC-HBD-E-0000312. This document will be maintained in the 1A section of the case file.]

The handwriting on the email is HALL's. TOLBERT did not know how he received the invitation to meet with HOLMES. TOLBERT would have connected with LUCAS, DON LUCAS, and others for dinner that night. During the dinner they discussed THERANOS. TOLBERT came away being impressed with HOLMES and was excited about the opportunity. TOLBERT was given an early prototype of THERANOS equipment. The equipment at the time was the size of a credit card where a drop of blood would be put. TOLBERT was given this credit card sized prototype to take by HOLMES. TOLBERT believed he had the prototype in his office.

[Agent Note: TOLBERT was directed to review document Bates numbered SEC-HBD-E-0000311. This document will be maintained in the 1A section of the case file.]

LUCAS' uncle was DON LUCAS, who was an early investor in THERANOS. DON LUCAS gave LUCAS the opportunity to create a fund to invest in THERANOS. LUCAS was rounding up investors to join his group to invest in THERANOS. TOLBERT was introduced to LUCAS and in 2006 the HALL GROUP investment was not a direct investment. The HALL GROUP invested through the LUCAS vehicle. TOLBERT was intrigued about the opportunity to invest and after the meeting with HOLMES, TOLBERT had serious interest in investing.

[Agent Note: TOLBERT was directed to review document Bates numbered SEC-HBD-E-0000308 to SEC-HBD-E-0000310. This document will be maintained in the 1A section of the case file.]

TOLBERT did not remember if these were actual notes from the call or a summary of what he learned. TOLBERT would normally take notes during meetings. GARY NORDHEIMER was thinking about investing in THERANOS through LUCAS and has some familiarity with HALL. NORDHEIMER was the person who connected HALL with LUCAS.

TOLBERT could not remember if the paragraph referencing the first raise of \$16 million was told to TOLBERT or if the information was passed by LUCAS. TOLBERT could not remember who told him about the information listed under the "Financials" heading. The information would have either

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come from LUCAS or from the telephone call with HOLMES. TOLBERT could not remember exactly who was speaking during the phone call, but he understood LUCAS received his information directly from HOLMES. TOLBERT's expectation was that anything he heard from LUCAS about THERANOS was from THERANOS.

[Agent Note: *TOLBERT was directed to review the document with the title "Theranos Plan 06." This document will be maintained in the 1A section of the case file.*]

The document was received as part of the due diligence for TOLBERT prior to investing in 2006. This document was information about financials in 2006. TOLBERT would have looked at the fourth quarter 2007 column which showed positive income. This would have validated HOLMES' statement about THERANOS being cash flow positive in the fourth quarter of 2007.

[Agent Note: *TOLBERT was directed to review document Bates numbered SEC-HBD-E-0000304. This document will be maintained in the 1A section of the case file.*]

MARTY COHEN was a friend of HALL. The HALL GROUP invested \$2 million, but they gave the option to a few other people to participate in the \$2 million investment. LUCAS then invested those \$2 million directly into THERANOS. TOLBERT personally invested \$25,000.

After the investment was made in 2006 until around 2013, all of the updates would have come through LUCAS. TOLBERT would call LUCAS and ask what was going on with THERANOS.

[Agent Note: *TOLBERT was directed to review document Bates numbered SEC-HBD-E-0000400. This document will be maintained in the 1A section of the case file.*]

TOLBERT typically received telephone calls three or four times per year. Throughout the time between 2006 and 2013, TOLBERT had the understanding the cash flows were positive at THERANOS because he barely received any communications. TOLBERT never received financial statements. LUCAS would say things were going better than expected at THERANOS and it was all good news. LUCAS would never send document packages to review. LUCAS would tell TOLBERT things he was privy to from his talks with HOLMES. TOLBERT had the understanding the information LUCAS was providing was received directly from THERANOS.

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[Agent Note: TOLBERT was directed to review document Bates numbered SEC-HBD-E-0000113 to SEC-HBD-E-0000123. This document will be maintained in the 1A section of the case file.]

TOLBERT reviewed the slides when he received them in 2013. TOLBERT looked at the slides to monitor his previous investment in THERANOS, but also to look at it for additional investment. In the summer of 2013, THERANOS came out of stealth mode. The slides seemed to confirm everything talked about over the years since the first investment. TOLBERT reviewed document Bates numbered SEC-HBD-E-0000119. TOLBERT had the understanding THERANOS had perfected its technology and could take a drop of blood and run thousands of tests.

[Agent Note: TOLBERT was directed to review document Bates numbered SEC-HBD-E-0000398 to SEC-HBD-E-0000399. This document will be maintained in the 1A section of the case file.]

The second paragraph about running tests was consistent with what TOLBERT had been told. TOLBERT remembered listening to the conference call.

[Agent Note: TOLBERT was directed to review document Bates numbered HBD_001497 to HBD_001499. This document will be maintained in the 1A section of the case file.]

TOLBERT thought the handwriting in the upper right corner of the first document was Byrd's handwriting. TOLBERT confirmed these were his notes. TOLBERT understood the second bullet point about getting rid of phlebotomy completely was from 2006 forward, traditional laboratory companies would become obsolete because THERANOS could use a small drop of blood and the test could be done in doctor's offices or similar places.

TOLBERT understood THERANOS would be manufacturing their own equipment in-house and they also did their own training. Everything was done in a THERANOS facility or the confines of THERANOS.

TOLBERT understood from the beginning the military application would be a great place for the THERANOS technology to be implemented. Significant work was being done with the military. If a soldier was wounded there were higher survival rates with quick blood tests. THERANOS was focused on retail, specifically WALGREENS at the time. THERANOS would use cash from WALGREENS to grow the other lines of business. DAVID WINKLER asked the question about the military and HOLMES answered.

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[Agent Note: TOLBERT was directed to review document Bates numbered SEC-HBD-E-0000420 to SEC-HBD-E-0000422. This document will be maintained in the 1A section of the case file.]

The information in this email is from a separate telephone call with HOLMES. The information is consistent with what TOLBERT had been told previously. The information about the military was consistent with TOLBERT's understanding.

[Agent Note: TOLBERT was directed to review document Bates numbered SEC-HBD-E-0000095. This document will be maintained in the 1A section of the case file.]

The signature on the page was TOLBERT's and the stock and dollar amounts listed on the document were consistent with TOLBERT's understanding of the investment in THERANOS.

[Agent Note: TOLBERT was directed to review document Bates numbered SEC-HBD-E-0000401. This document will be maintained in the 1A section of the case file.]

The information in the email was accurate regarding it being TOLBERT's decision as to the amount he wanted to invest in THERANOS. TOLBERT decided on the investment amount based on telephone calls and the validation of the investment thesis they had in 2006 that THERANOS was going to be a game changing investment. TOLBERT thought THERANOS had a positive impact on the world and they would also make a lot of money. The conversations TOLBERT had in December supported what he was told in 2006 and there was excitement around THERANOS. There was no second guessing after the investment was made and TOLBERT did not have any interactions with HALL which would have indicated he was rethinking the investment at the time. When TOLBERT made the decision to invest he thought he was acting consistently with HALL.

[Agent Note: TOLBERT was directed to review document Bates numbered SEC-HBD-E-0000285 to SEC-HBD-E-0000286. This document will be maintained in the 1A section of the case file.]

Lester Last Name Unknown (LNU) was COHEN's son-in-law. COHEN and Lester were both investors in 2006 and this email was HALL reaching out to them to see if they wanted to invest further. HALL was letting them know the

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HALL GROUP invested \$5 million and they could take whatever piece of that they wanted. TOLBERT may have invested \$50,000 in the first round and \$25,000 in this round, but he could not remember for sure.

TOLBERT recorded a telephone call with HOLMES. There was also another recorded telephone call in 2016, but TOLBERT could not recall who recorded the call. TOLBERT recorded the first call because there was a lot of information discussed and it was fast paced. He did this recording to fill in his notes later if he missed something. TOLBERT was in Dallas, Texas on the call. There was a potential HALL would not be able to join the call, therefore TOLBERT wanted to make sure he captured the highlights. TOLBERT did not tell anybody on the call he was making the recording. TOLBERT had no intention of using the recording to extort HOLMES. TOLBERT ended up capturing enough in his notes that he did not go back and review the recording. TOLBERT did not think about the recording again until he started hearing bad news about THERANOS. TOLBERT preserved the recording because he did not want to destroy it or do anything wrong. The call was an investor call with several people on the call who invested. Several people asked questions and TOLBERT knew several other people on the call. TOLBERT was not aware of California law regarding recordings without consent. Nobody has reached out to TOLBERT about the recording. TOLBERT did not know if it was common in the industry to make recordings. TOLBERT has not made recordings for other investments. TOLBERT's intent was not to keep the recording, it was to round out his notes and TOLBERT just never got around to rounding out his notes.

Exhibit 3

THERANOS, INC.
Management Biographies

Officers: Elizabeth Holmes, Diane Parks, Kevin Carroll, Howard Bailey and John Howard

Elizabeth Holmes, President and CEO

Elizabeth A. Holmes is President and Chief Executive Officer of Theranos, Inc. Holmes' unique background in microfluidics and nanotechnology led her to found Theranos around her patent, *Medical Device for Analyte Monitoring and Drug Release*, and the vision to create a new sector of personalized health care enabling real-time diagnosis and treatment of targeted ailments in a non-invasive fashion. She took the company from concept to reality, building a world-class management team and leading the product and commercial development infrastructures from inception through to volume manufacturing for pharmaceutical customers. Holmes left Stanford University to found Theranos after contributing to the development of several novel biosensor systems through her work at Genome Institute Singapore and in collaboration with Genentech International.

Diane Parks, Chief Commercial Officer

Diane Parks is an accomplished Senior Executive with 25+ years experience in driving profitable growth for large pharmaceutical companies and biotech companies. Most recently she served as Senior Vice President of Biopharmaceuticals and Managed Care at Genentech. Prior to Genentech she was VP of Marketing at Aventis. Diane has a proven track record of leading successful business initiatives in complex, competitive, uncharted and turn-around environments. Reputation as a strong leader, strategic thinker, innovator, and communicator. Integrates cross-functional expertise in:

- Marketing- launched 5 major new drugs and oversaw launch of 10 new line extensions
- Sales- Built 3 new sales organizations and restructured a team facing declining sales
- P&L, Forecasting, Budgeting
- Human Resources- selection, development, team building and training
- Pipeline Development
- Specialty Pharmacy and Reimbursement support
- Strategic Planning and Leadership

Kevin Carroll, Senior Vice President, Operations

Kevin Carroll joined Theranos in September of 2008. Mr. Carroll brings over 25 years of diverse experience in leading strategic business transformations. Prior to joining Theranos Mr. Carroll served as the Vice President & Chief Procurement Officer at EMC Corporation in Hopkinton, MA. Mr. Carroll led the transformation of EMC's global supply chain and procurement processes. He delivered \$400 million annually in realized savings and improved operating leverage by expanding global sourcing relationships, re-mapping product value chains and driving performance based upon total cost impact. Mr. Carroll also served as Vice President of Sales and Services Administration and Vice President Supply Management at Sun Microsystems, Inc. where he was awarded Sun's Chairman's Leadership Award in recognition of his industry leading supply chain management performance results. Mr. Carroll possesses a broad base of business operations knowledge acquired over many years of diverse experience at both small and large enterprises, and across both component and systems products.

Education:
 Adelphi University, Garden City, NY, Graduate Studies in the MBA program, 1981-1983
 State University of New York, Plattsburgh, NY, Bachelors in Environmental Science 1976

9/7/2006

Howard Bailey, Chief Financial Officer

Howard Bailey has been CFO of Theranos since March of 2006. Prior to that he was the CFO of Ocean Networks a public company which provides networking equipment to telecom companies. He has taken two companies public as the CFO and been the CFO of two different public companies. He began his career in high tech finance at Intel where his last position was controller for Intel's worldwide manufacturing group.

John K. Howard, Senior Vice President, Products

John Howard has a proven track record managing technology into products. As President of the Panasonic Semiconductor Development Company he was responsible for US based semiconductor R&D, business development, and strategic partnerships. Previously he established and grew to \$1B per year a sector of IBM's Microelectronics Division. While with IBM's Storage Products Division he turned around the Optical Storage Product line and grew the business to over \$100M annually. His experience also includes management of advanced CAD development, and System On Chip VLSI development.

Ron Oral, VP Operations

Ron Oral is responsible for leading the quality, manufacturing, and supply chain efforts at Theranos, Inc. Prior to joining Theranos, Inc., he spent six years as Director of Consumable Manufacturing for Arcutus Bioscience Inc., a leader in the field of Laser Capture Micro-dissection and reagent systems for gene expression analysis. At Arcutus, Ron was responsible for the start up and growth of the reagent manufacturing group. He also spent nine years at Lifescan, Inc. developing and launching new products. At Lifescan, he was responsible for managing the One Touch® and QuickSilver® reagent test strips, bringing both product lines from their start up phase through full scale production. Ron has over 20 years' experience in manufacturing and quality assurance, working in FDA regulated industries with tenure at Hitachi Chemical Diagnostic Corporation and Lifescan, a Johnson and Johnson Company. He earned his Bachelor of Science from the University of California at Davis, and an MBA from University of Phoenix.

Dr. Ian Gibbons, Senior Director, Assay Development

Dr. Gibbons has twenty-eight years of product development experience in diagnostics and therapeutics. He has been the inventor and lead development scientist of many novel products including:

- Non-separation immunoassays for drugs, serum proteins, microbial antigens
 - Syva Company
- Point-of-care diagnostics for TDM, blood screening, acute care management
 - Biotech, Ciba-Corning Diagnostics, Boehringer-Mannheim, FMI
- Immuno-magnetic cell selection for High-Dose Chemotherapy
 - AmCell

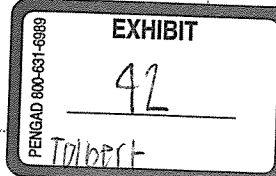
Publications:

- Peer-reviewed publications: 40
- Issued US patents: 37
 - Assay chemistry
 - Microfluidics

Education:

MA, Ph.D. (Biochemistry, Chemistry): Cambridge University, England
 Post-doctoral studies U.C. California, Berkeley

9/7/2006



Edmund Ku, Senior Director, Reader Division

During his 22 year career, Edmond has been involved in all levels of development and engineering management. His expertise encompasses client/server software development, system level architecture, hardware design, high-density packaging, system level power management, and setting up of overseas manufacturing.

Prior to joining Theranos, Edmond served as the Vice President of Advanced Development at Amphus where he was responsible for the development of award winning x86-based blade servers and ManageSite™, a web-based enterprise-level platform management application. Edmond also served as the Vice President of Engineering at Vadem, where he led the teams that developed numerous portable computing solutions for tier-1 companies, designed numerous PC chipsets, and ported an operating system for Microsoft. While at Vadem, he was best known as the chief designer and visionary behind the award-winning Clio product, the forerunner of Microsoft's tablet PC, and the only PDA that is approved by NASA for space flight. Edmond holds 2 patents for portable systems.

Timothy Kemp, Senior Director, Informatics

Mr. Kemp brings over thirty years of experience at IBM spearheading a wide variety of technical innovation projects. He began his career in industrial process control, operating systems, network databases, programming language compilers, computer aided design, and hard-drive storage architectures. Recently, he led projects integrating microfluidics, voice recognition, and diabetes management systems. He holds 5 patents in electronic hardware and software design.

9/7/2006

THERANOS, INC.**BOARD OF DIRECTORS:****Donald L. Lucas, Chairman of the board**

Mr. Lucas is well known as a founding partner of such companies as National Semiconductor Corporation, Macromedia, Inc., PDF Solutions, Inc., and Oracle Corporation.

Mr. Lucas is currently on the board of Cadence Design Systems, Inc., Chairman of the Executive Committee of the Board of Directors of Oracle Corporation (Don served as Chairman from October 1980 to May 1990), Chairman of the Board of 51Job, and Chairman of the Board of Dexcom, Inc. In addition, Mr. Lucas serves as a Director for several other public and private companies.

Mr. Lucas was a General and Limited Partner of Draper, Gaither & Anderson (DGA), the first venture capital firm, before investing independently.

Don Lucas received his Bachelor of Arts degree from Stanford University and his MBA from Stanford's Graduate School of Business.

Elizabeth Holmes

Elizabeth A. Holmes is President and Chief Executive Officer of Theranos, Inc. Holmes' unique background in microfluidics and nanotechnology led her to found Theranos around her patent, *Medical Device for Analyte Monitoring and Drug Release*, and the vision to create a new sector of personalized health care enabling individuals to take control of their health through real-time diagnosis, monitoring, and treatment of targeted ailments in a non-invasive fashion.

She took the company from concept to reality, building a world-class management team and leading the product and commercial development infrastructures from inception through to manufacturing for pharmaceutical partners today.

Holmes left Stanford University to found Theranos after contributing to the development of several novel biosensor systems through her work at Genome Institute Singapore and in collaboration with Genomics International.

Peter Thomas

Peter Thomas is a co-founder and Managing Director of ATA Ventures. Pete comes to ATA Ventures having enjoyed a highly successful career in venture capital activities across the past 20 years. In 1986, he joined Institutional Venture Partners (IVP) as a General Partner in their IVP III fund and continued as a General Partner of IVP through the IVP III-VIII funds.

Companies that Pete has successfully led investments in include Nalcor, Applied Medical, Atrnel (ATML), Altera (ALTI), @Road (ARDI), Transmeta (TMTA), Cirrus Logic (CRUS), Form Factor (FORM), and many others. Pete is on the board of three public companies @Road (ARDI), Transmeta (TMTA) and Atrnel (ATML) as well as several other private companies.

Prior to venture capital activities, Pete was at Intel Corporation for 7 years in various engineering and marketing management roles.

Pete graduated magna cum laude in 1983 with a BSEE degree from Utah State University and received his MS in Computer Science from the University of Santa Clara in 1975.

Channing Robertson

Channing Robertson holds the Ruth G. and William K. Bowes Professor in the School of Engineering, Stanford University, and serves as the Senior Associate Dean of Engineering at Stanford.

Dr. Robertson has spent much of his career designing and developing advanced drug delivery systems for therapeutic applications. He was recently featured in Upside Magazine's special issue on "100 People Who Have Changed the World."

Channing served as an expert witness in several trials including the Contracept 7 intrauterine contraceptive cases (in the U.S. and Australia), the Bringlellow Superfund case and most recently the Minnesota tobacco trial where he provided testimony on tobacco material processing, cigarette design and manufacturing and nicotine delivery systems.

He was a Founding Fellow, American Institute of Medical and Biological Engineering, a Member of the Science, Law and Technology Law Program Committee of the National Academy of Sciences, and the Panel on Court Appointed Scientific Experts (CASE) of the American Association for the Advancement of Science.

He received his BS (with Honors) in Chemical Engineering from the University of California at Berkeley. He received his MS & PhD, Chemical Engineering emphasis on fluid mechanics and transport phenomena, Stanford University.

Aravlis Tavanian

Mr. Tavanian is the former CTO of Apple Computer and will be joining Theranos's Board of Directors. This will be announced shortly. Please see attached Bio.

THERANOS, INC.
MENLO PARK, CALIFORNIA

Introduction:

Theranos is first mover in a multibillion dollar industry: wirelessly controlled individualized monitoring systems for realtime analysis of patient health in an ambulatory context.

In its first market application, Theranos systems are used to improve the risk profiles of key drugs. The systems are coupled with drugs post-approval to quickly validate efficacy in new applications and new patient populations and to remove warning labels through individualized monitoring of safety concerns.

Theranos 1.0 is the first system able to quantitatively monitor drugs and proteins from a painless sampling mechanism and correlate these readings with existing information in a patient record or other database in realtime. This enables a complete profile of efficacy of a drug in an individual: integrating factors such as metabolism and presence of multiple drugs in the blood (which change on a frequent basis) with stagnant information such as a genetic test or predisposition to cardiovascular risk.

Theranos 1.0 is the first handheld chemiluminescence enzyme immunoassay system capable of a high correlation with clinical laboratory test (interim assay variability, sensitivity, and dynamic range). It requires 5-10 μ L of blood per panel of tests, enables monitoring at multiple time points in an ambulatory setting and performs assays on drug molecules and biomarkers simultaneously. Its ease of use and the quality of data add significant value to clinical trial processes and decrease the time and cost of running equivalent studies.

Theranos customizes systems to meet the clinical trial needs of its clients – in Phase I and II, where the generation of simultaneous, realtime Pharmacokinetic (drug levels) and Pharmacodynamic (biomarker levels) profiles is critical to early decision-making, but especially in Phase IIIb and Phase IV pharmaceutical studies where the value of its proprietary systems is maximized through generation of realtime safety and efficacy profiles in large patient populations in an ambulatory context.

The data generated is integrated in realtime with each patient record through Theranos's informatics system, ABCS, to develop individualized efficacy and safety profiles.

Theranos systems not only enable pharmaceutical companies to monitor compliance with a drug, but most importantly enable companies to quantitatively correlate the effect of compliance on efficacy and safety through ambulatory monitoring in the general population during late stage and post-marketing clinical trials.

In outsourcing tests from the clinical laboratory the Theranos systems not only streamline the patient testing and data analysis processes but also provide a mechanism for monitoring drug safety in the general population and for improving compliance.

As such, the Theranos platform dramatically increases clinical development productivity and reduces the number of patients dropping out of trials at the same time as providing a mechanism for increasing prescription rates of the drug.

The Theranos 1.0 System:

CONFIDENTIAL

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The Theranos system is a handheld device that utilizes a multi-step immunoassay intended for *in vitro* diagnostic use to quantitatively monitor drugs, drug metabolites and biomarkers in whole blood samples.

The system is comprised of:

- 1) Disposable plastic cartridges containing assay reagents that utilize a single whole blood sample to run multiple assays simultaneously. The cartridges are used to measure the concentration of drugs, drug metabolites and targeted markers for efficacy and safety
- 2) A non-disposable Reader that extracts *in vitro* assay data from Cartridges and transmits data via a wireless link to a remote database hosted by Theranos
- 3) Theranos' Ambulatory Bioinformatics Communication System ("ABCS") which analyzes data from the reader which has been sent to the Theranos server, stored, and profiled with other related information such as history, results of previous pre-clinical tests, pertinent observations, and previous results from the Theranos 1.0 System.

Theranos customizes Company-specific databases and proprietary analytic communications software for retrieval, transmission, and analysis of data from the Theranos 1.0 Cartridges and the patients' records; the 1.0 ABCS is regularly upgraded at scheduled intervals. ABCS is HL-7 and HIPAA compliant and enables real-time integration of the data monitored in an ambulatory context (or in the point-of-care) with the patient record and applies algorithms to integrate both sets of data into patient-specific efficacy and safety profiles.

Technical Features:

Criteria	Theranos 1.0
Intended use	Simultaneous quantitative measurement in the point-of-care of Drugs and Treatment-related biomarkers indicative of efficacy and safety; Data wirelessly integrated into patient record
Calibrator	On board with each measurement
Controls	On-board positive control
Operating Principle	Chemiluminescent/Immunoassay
Dynamic Range	low pg/mL - high ng/mL
Sample size	5-10uL
Precision	Average total 5-7% CV or better

1. System Performance:

- a) Sensitivity: The sensitivity of the chemiluminescent system exceeds that of any fluorescent system.
 - b) High/Low Assay Determination: Theranos systems quantitatively run low and high sensitivity assays in the same device with chemiluminescence; this is not possible with any existing point-of-care products.
 - c) The accuracy and precision of the system as reflected in the % CV and SD are enhanced by the built-in calibration of a positive control. This is absent in other products, which must be calibrated "periodically" based on a reagent lot or reagent kit.
2. Post ICU or ED Ambulatory Follow-up: Theranos portable system may be used at home in a post-therapy follow-up to measure the long-term efficacy of treatment and the risk of recurrence of the disease based on the blood levels of targeted analytes, enhancing the value of a therapeutic solution.

Increasing Pre-Clinical Productivity:

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- 3 -

The Theranos 1.0 System has many advantages when compared with current processes used in pre-clinical animal studies. These include:

- ❖ Pre-clinical Advantages
 - Mouse studies with ~ 5uL blood sample size
 - Multiple time points from one mouse
 - Less inter-mouse data variability
 - Quality of data improved
 - Immediate availability of data
 - Reduces the number of small animals sacrificed during studies
 - Method may be transferred to clinical studies
- ❖ Eliminates Problems of
 - Blood collection, transportation, storage
 - Thawing, analysis and reporting
 - Loss of information from short half-life drugs/biomarkers

It is estimated that in a typical pre-clinical study using mice or other small animals, the use of the Theranos 1.0 System could reduce costs to the Sponsor significantly.

In addition to substantial cost reductions, consider a typical carcinogenicity study where the aim is to detect cancerous changes as a result of exposure to a chemical. One indicator of the outcome to exposure is assessed by blood sampling before pathological appearance and tissue and organ examination. The number of young rats or mice used exceeds 400. Such a study is estimated to cost as much as \$2M per chemical and take up to 5 years to complete. If one assumes that for the current practice each time point requires 5 mice from which data will be pooled to reduce inter-mouse variability, the number of mice and subsequent analyses could be greatly reduced with the Theranos System. With the proposed Theranos System, each mouse would be its own initial control. Triplicate samples, each of 5-10 µL, could be used from a single mouse per timepoint. One mouse would be used for each five mice used under current practice protocol and the correspondingly less analyses would be performed. The drug product and the appropriate biomarkers could be quantitatively assayed for exposure and outcome. The overall efficiency of the study and savings in cost would be enormous.

Increasing Clinical Development Productivity:

The Theranos 1.0 System has many advantages when compared with current processes used in clinical trials. These include:

1. Enabling more tests, at less expense. The overall time to obtain protocol-driven data will be more efficiently used and greatly reduced
2. Increasing patient compliance by outsourcing tests from the clinic. The likelihood of a patient dropping out of a study before a final timepoint has been taken is reduced.
3. The ability to concurrently monitor specific and indicative markers using the Theranos 1.0 System will increase simultaneous new information from ongoing evaluations
4. Increasing productivity by capturing and reporting data in real-time.
5. Enabling quick and accurate decisions
6. Eliminating several steps of data transfer that often lead to inadvertent errors
7. Streamlining data processing and analysis.
8. Enhancing safety monitoring, patient-physician/investigator communication electronically
9. Reducing time used for forms: HIPAA and HL7 compliant

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The Theranos 1.0 System reduces steps' costs in the clinic for physician/investigator. These are directly realized by the sponsors.

1. **Time and Costs:** The overall time to obtain protocol-driven data will be more efficiently used and greatly reduced. The resulting reduction in costs follows.
2. **Biomarkers:** The ability to concurrently monitor specific and indicative markers using the Theranos 1.0 System will finesse simultaneous new information from ongoing evaluations.
3. **Value:** There is an initial investment on the Readers and the recurrent low costs of disposable product-specific disposable cartridges. Following this, the ease of use, the high strategic importance, the overall added-value and the near-term ROI cannot be overstated.

It is estimated that with an ambulatory clinical trial, the use of the Theranos 1.0 System would reduce costs to the Sponsor significantly.

Consider a 30-week study with 2,000 enrollees and with 75 data-points for blood draw.

- Exemplary Costs Criteria:
 1. Commercial Blood Draw: $2,000 \times 75 \times \$61 = \$9.15M$ (\$4.2M at 45% Price for volume discount)
 2. Compliance Failure: Key compliance reasons for failure include:
 - o Skipping doses
 - o inconvenience of visits
 - o Resulting Patient Drop out
 3. Loss of Sale Due to Repeat Study if study fails:
 - o Assume Peak Market of Product = \$500M/year/Loss of time for Repeating a 30-week study (Loss of 0.6 yr sales)
 - o Cost of loss to sales = $500 \times 0.6 = \$300M$
 - o A 1 in 10 probability of loss = $0.1 \times \$300M = \$30M$ cost
- Other Factors
 - o Patient Monitoring
 - o Site Monitoring
 - o Investigators' Costs
 - o Clinical Trial Monitor travel
 - o Data Management
 - o Project Management

The resulting savings to the overall clinical process and the resulting per-patient savings, exemplified in the ability to obtain real-time data from remotely located patients are of significant value. Assuming the 2003 Tufts estimate that the average per-patient per-cycle cost for a clinical trial is \$23,672, the total costs of such trials are likely to be in the tens of millions. Savings on this scale significantly exceed the cost of the Theranos system.

The cost of finding patients, the interaction between the physician and the patient, the cost of trial monitoring and the increasing complexity of the trial designs to capture ever more data points have continued to drive clinical trial costs up. Dramatic improvement in clinical trial productivity is one of the key goals of most pharmaceutical companies – and technology offered by Theranos for the first time allows companies to totally re-think how trials are structured and implemented.

Individualized Medicine

While the current approach to "personalizing medicine" centers on monitoring genetic variation or basal-level activity of targeted markers, Theranos provides a system which does not differentiate on a population basis. Instead, Theranos systems treat each individual separately, enabling therapeutic customization to occur after each patient has been dosed with a drug by measuring stimulated levels of targeted analytes.

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The Theranos device correlates phenotypic expression of pharmacogenomic profiles to study drug drug (in the context of both combination therapy as well as new drug development), metabolite, and biomarker interactions and monitor risk of adverse drug reactions on an individual basis. Unlike genomic profiling which necessitates reduction of the total available patient base to a target population pre-screened for a specific drug, the Theranos systems introduce customized informatics – integration of real-time pharmacokinetic and pharmacodynamic profiles to enable dose response as a more effective screening mechanism after prescribing a drug.

The combination of the 1.0 System with therapeutic pharmaceutical products will pave the path for safer therapies which can be prescribed to the total available patient base. The enablement of "narrow range", targeted therapeutic products to be prescribed generically marks the beginning of a new era of "smart blockbuster drugs" and has the potential to re-define traditional health responses to marketed therapeutic products.

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Theranos

Existing Investors

Lead investor profiles:

Series A

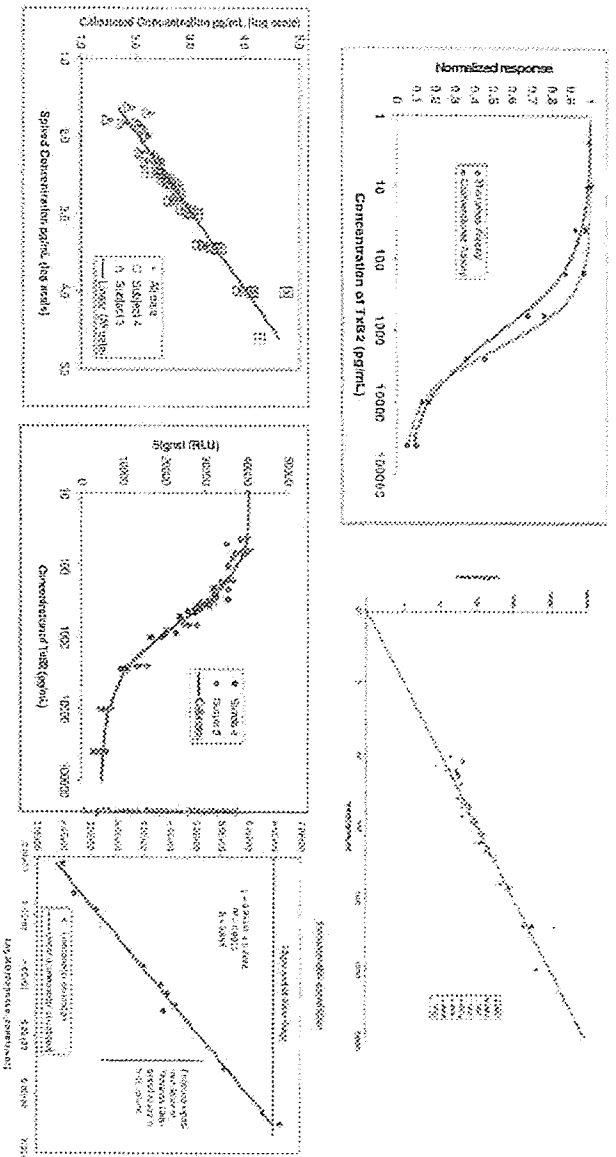
- Chang, Escom Taipei: Multi-billion dollar distribution group, leading distributors of high technology devices in Asia with headquarters in China and in Taiwan.
 - Continental Properties Company: Fund lead by John Schweitzer and Stephen Feinberg, director of MD Anderson, leading center in innovative cancer treatment, cutting-edge research and clinical trials.
 - Draper Fisher Jurvetson: Draper Fisher Jurvetson is a global network of affiliated venture funds with over \$3 billion in capital commitments and offices in the major technology centers around the world.
 - Jupiter Partners: Fund lead by John Bryan, limited partner in numerous venture capital and private equity funds and leading investor in companies ranging from Angen to Hewlett Packard.
 - Palmieri Trust: Fund lead by Victor Palmieri, business takeover financier, director of numerous high growth companies including Phillips Petroleum, the Pennsylvania Company, Arvida Corporation, Quilt Communications, the William Carter Company, Broadcasting Partners, and Mullin Consulting and a trustee of The Rockefeller Foundation.
- #### Series B
- Donald L. Lucas fund: Premier Silicon Valley venture capital veteran (note biography in board profile document)
 - ATA Ventures (Early Stage Venture Capital)
 - Larry Ellison, Tako Ventures
 - Divison Doll (Doll Capital Management)
 - Ray Bingham, BJ Cassin, other private equity investors

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Theranos

Technology: Theranos System versus Today's Lab



On-chip Chemiluminescence enables greater sensitivity than the clinical lab

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NOTE:

The following materials do not pertain to any future applications of the Theranos system. The value proposition for using the systems in the "personalized medicine" context on the commercial market at a physician's office or in the home is not addressed. All materials detail the sale of information generated during a Phase IV clinical trial to pharmaceutical companies for the purpose of improving the drug label.

Assumptions for Financials:

- ❖ No new partnerships signed on between today and 12/31 other than those already in process
- ❖ No decrease in deal lead times, time for validation and time to product development and shipment even though some of the same products will be shipped to multiple customers
- ❖ No account for \$10K / sale into multiple markets of certain products
- ❖ Timelines for deals in process are pushed significantly out from internal expectations
- ❖ Out of the deals in process now, about half go through into a validation phase; less than half of these proceed into phase IV within this timeframe
- ❖ Payment Collection Days are pushed out from agreements
- ❖ No up-front payments

THERANOS, INC.

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Base Assumptions

		readers = number of patents plus 10%
\$	3,000	reader ASP
\$	70	cartridge ASP
\$	1,500	informatics monthly service fee

Clinical trial (four year trials)

\$7,500	per participant charge every four months
2,500	average number of participants
\$56,250,000	potential annual revenue per trial

There are 600 to 800 trials going on at any given time

This gives us a TAM of approx \$39 bil Not all trials are active and not all trials are suitable for Theranos

Pre-clinical trial

	25 readers per research group (3 researchers)
	1,680 cartridges used per month per researcher
\$	75,600 reader revenue (one time every three years)
\$	4,236,000 annual cartridge revenue
\$	750,000 annual informatics fee
\$	5,056,500 year one revenue per group
\$	4,983,600 year two and three revenue per group

228,440.00

	131 groups at one Pharma that we in discussions with
\$	662,818,500 potential annual revenue per Pharma
	15 pharma companies that size

TAM \$ 9,332,392,000

Note this estimate excludes: another 15 that are smaller university and other research labs

Theranos Plan 06

Base Forecast	Q3 06	Q4 06	Q1 07	Q2 07	Q3 07	Q4 07	Q1 08	Q2 08	Q3 08	Q4 08
Income Statement										
Revenue	0	0	4,639	4,655	12,268	20,894	36,049	42,462	53,805	67,271
Variable Cost	0	0	2,653	2,393	6,821	6,401	11,046	13,235	17,712	21,791
Depr Cost	975	1,131	1,000	1,050	1,100	1,150	1,200	1,588	2,125	2,615
Total Cost	975	1,131	3,653	3,443	7,921	7,551	12,246	14,823	19,838	24,406
Variable Margin	0	0	1,986	2,262	5,448	14,483	25,003	29,227	36,193	45,480
Gross Margin	(975)	(1,131)	986	1,212	4,348	13,333	23,803	27,639	34,067	42,865
R&D	2,287	2,359	2,400	2,500	2,700	2,924	5,047	5,945	7,547	9,418
S&M	458	777	928	894	2,208	3,550	6,128	7,219	9,164	11,436
G&A	622	719	725	750	800	1,044	1,602	2,123	2,895	3,364
Operating Expense	3,368	3,854	4,053	4,134	5,708	7,518	12,978	15,286	19,406	24,218
Operating Income	(4,343)	(4,985)	(3,067)	(2,922)	(1,360)	5,815	10,825	12,362	14,881	18,647
OpInc as a Pct of Rev			-66%	-63%	-11%	26%	30%	29%	27%	28%
Nonoperating Income	0	0	0	0	0	0	0	0	0	0
Nonoperating Expense	0	0	0	0	0	0	0	0	0	0
Inc Tax	0	0	0	0	0	0	0	1,000	5,102	6,526
Net Income	(4,343)	(4,985)	(3,067)	(2,922)	(1,360)	5,815	10,825	11,362	9,780	12,121

7/11/2005

excludes 1235 stock compensation charge

Theranos Plan 06

Balance Sheet	Q3 06	Q4 06	Q1 07	Q2 07	Q3 07	Q4 07	Q1 08	Q2 08	Q3 08	Q4 08
Cash	31,030	28,672	20,165	16,529	4,832	2,027	2,040	3,179	2,423	2,298
Accounts Receivable	0	0	3,943	3,957	10,429	17,751	30,642	36,093	45,819	57,160
Inventory	100	300	3,449	3,110	8,867	6,321	14,560	17,206	23,026	28,329
Other Current Assets	0	0	0	0	0	0	0	0	0	0
Total Current Assets	31,130	28,972	27,567	23,596	24,129	25,099	47,042	56,477	71,268	87,808
PP&E	1,934	2,694	3,134	3,384	4,134	4,884	5,134	5,384	6,134	6,884
Accum Depr	(617)	(378)	(618)	(890)	(1,162)	(1,506)	(1,919)	(2,341)	(2,789)	(3,301)
Net PP&E	1,717	2,505	2,515	2,504	2,972	3,378	3,221	3,043	3,344	3,583
On Long Term Assets	43	43	43	43	43	43	43	43	43	43
Total Assets	32,890	31,521	30,115	28,143	27,143	31,520	50,305	59,563	74,555	91,434
Accounts Payable	1,303	1,496	2,312	2,273	4,069	4,521	7,567	9,033	11,773	14,567
Accrued Liabilities	391	449	694	682	1,227	1,356	2,270	2,710	3,532	4,376
Short Term Debt	0	1,880	2,800	2,800	2,800	0	4,000	0	2,000	3,000
On Curr Liabilities	34	2,939	2,000	1,900	1,000	1,000	1,000	1,000	1,000	1,000
Total Current Liabilities	1,728	5,344	7,005	5,955	8,315	6,877	14,837	12,743	18,305	22,963
Long Term Debt	0	0	0	0	0	0	0	0	0	0
Equity	46,340	46,340	46,340	46,340	46,340	46,340	46,340	46,340	46,340	46,340
Accum Deficit	(15,178)	(20,163)	(23,230)	(23,132)	(27,512)	(21,597)	(10,872)	(88)	10,010	22,130
Net Worth	31,162	26,177	23,110	20,168	18,828	24,643	35,468	46,820	56,350	68,470
Total Liabilities and Net Worth	32,890	31,521	30,115	28,143	27,143	31,520	50,305	59,563	74,555	91,434

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Cash Flow	Q3 06	Q4 05	Q1 07	Q2 07	Q3 07	Q4 07	Q1 08	Q2 08	Q3 08	Q4 08
Beginning Cash	5,788	31,030	28,672	20,165	16,529	4,832	2,027	2,040	3,179	2,423
Net Inc/(Loss)	(4,343)	(4,985)	(3,067)	(2,922)	(1,360)	5,815	10,825	11,352	9,530	12,121
Depr./Amort	103	161	240	261	282	344	407	426	449	511
Decl/(inc) AR	0	0	(3,943)	(14)	(6,472)	(7,323)	(12,880)	(5,451)	(9,727)	(11,361)
Decl/(inc) Inv	(100)	(200)	(3,149)	338	(5,757)	546	(6,039)	(2,848)	(5,820)	(5,303)
Decl/(inc) Oth Curr Ass	0	0	0	0	0	0	0	0	0	0
Decl/(inc) Oth Long Terr	0	0	0	0	0	0	0	0	0	0
Capital Equip Purch	(700)	(950)	(250)	(250)	(750)	(750)	(250)	(250)	(750)	(750)
Inc/(Dec) AP	217	193	816	(39)	1,616	432	3,046	1,486	2,740	2,814
Inc/(Dec) Accr/Liab	35	58	245	(12)	545	130	914	440	822	844
Inc/(Dec) Oth Curr Liab	0	1,965	0	(1,000)	0	0	0	0	0	0
Inc/(Dec) Debt										
Curr Debt	0	1,400	800	0	0	(2,000)	4,000	(4,000)	2,000	1,000
Long Term I	0	0	0	0	0	0	0	0	0	0
Inc/(Dec) Equity	30,000	0	0	0	0	0	0	0	0	0
Cash In/(Out)	23,242	(2,358)	(8,507)	(3,636)	(11,697)	(2,806)	13	1,139	(756)	(124)
Cash In/(Out) net of finan	(4,756)	(3,750)	(9,107)	(3,608)	(11,697)	(806)	(3,987)	5,139	(2,756)	(1,124)
Ending Cash	31,030	28,672	20,165	16,529	4,832	2,027	2,040	3,179	2,423	2,299

1. *Thymus serpyllifolius* L. 20% 100g Quercus,
 20% 200g Quercus, 40% 300g Quercus

2. Assessment & Interventions beyond the ABCs

- a. **Assessing the potential for loss of environmental or aesthetic scenic appreciation, if existing.**
Visual quality assessment criteria developed.
- a. **Assessing the potential for loss of scenic and cultural resources.**
As part of planning.

Thematic Planning for Pre-Calculus, Algebra, Geometry and Trigonometry				Thematic Planning for Calculus, Number Systems, Physics and Chemistry			
<p>Thematic Planning for Pre-Calculus and Algebra</p> <p>Pre-Calculus Algebra Geometry Trigonometry</p> <p>Pre-Calculus Algebra Geometry Trigonometry</p> <p>Pre-Calculus Algebra Geometry Trigonometry</p>	<p>Pre-Calculus Algebra Geometry Trigonometry</p> <p>Pre-Calculus Algebra Geometry Trigonometry</p> <p>Pre-Calculus Algebra Geometry Trigonometry</p>	<p>Pre-Calculus Algebra Geometry Trigonometry</p> <p>Pre-Calculus Algebra Geometry Trigonometry</p> <p>Pre-Calculus Algebra Geometry Trigonometry</p>	<p>Pre-Calculus Algebra Geometry Trigonometry</p> <p>Pre-Calculus Algebra Geometry Trigonometry</p> <p>Pre-Calculus Algebra Geometry Trigonometry</p>	<p>Calculus Number Systems Physics Chemistry</p> <p>Calculus Number Systems Physics Chemistry</p> <p>Calculus Number Systems Physics Chemistry</p>	<p>Calculus Number Systems Physics Chemistry</p> <p>Calculus Number Systems Physics Chemistry</p> <p>Calculus Number Systems Physics Chemistry</p>	<p>Calculus Number Systems Physics Chemistry</p> <p>Calculus Number Systems Physics Chemistry</p> <p>Calculus Number Systems Physics Chemistry</p>	<p>Calculus Number Systems Physics Chemistry</p> <p>Calculus Number Systems Physics Chemistry</p> <p>Calculus Number Systems Physics Chemistry</p>

Figure 6

[illegible][illegible]

2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431	2432	2433	2434	2435	2436	2437	2438	2439	2440	2441	2442	2443	2444	2445	2446	2447	2448	2449	2450	2451	2452	2453	2454	2455	2456	2457	2458	2459	2460	2461	2462	2463	2464	2465	2466	2467	2468	2469	2470	2471	2472	2473	2474	2475	2476	2477	2478	2479	2480	2481	2482	2483	2484	2485	2486	2487	2488	2489	2490	2491	2492	2493	2494	2495	2496	2497	2498	2499	2500	2501	2502	2503	2504	2505	2506	2507	2508	2509	2510	2511	2512	2513	2514	2515	2516	2517	2518	2519	2520	2521	2522	2523	2524	2525	2526	2527	2528	2529	2530	2531	2532	2533	2534	2535	2536	2537	2538	2539	2540	2541	2542	2543	2544	2545	2546	2547	2548	2549	2550	2551	2552	2553	2554	2555	2556	2557	2558	2559	2560	2561	2562	2563	2564	2565	2566	2567	2568	2569	2570	2571	2572	2573	2574	2575	2576	2577	2578	2579	2580	2581	2582	2583	2584	2585	2586	2587	2588	2589	2590	2591	2592	2593	2594	2595	2596	2597	2598	2599	2600	2601	2602	2603	2604	2605	2606	2607	2608	2609	2610	2611	2612	2613	2614	2615	2616	2617	2618	2619	2620	2621	2622	2623	2624	2625	2626	2627	2628	2629	2630	2631	2632	2633	2634	2635	2636	2637	2638	2639	2640	2641	2642	2643	2644	2645	2646	2647	2648	2649	2650	2651	2652	2653	2654	2655	2656	2657	2658	2659	2660	2661	2662	2663	2664	2665	2666	2667	2668	2669	2670	2671	2672	2673	2674	2675	2676	2677	2678	2679	2680	2681	2682	2683	2684	2685	2686	2687	2688	2689	2690	2691	2692	2693	2694	2695	2696	2697	2698	2699	2700	2701	2702	2703	2704	2705	2706	2707	2708	2709	2710	2711	2712	2713	2714	2715	2716	2717	2718	2719	2720	2721	2722	2723	2724	2725	2726	2727	2728	2729	2730	2731	2732	2733	2734	2735	2736	2737	2738	2739	2740	2741	2742	2743	2744	2745	2746	2747	2748	2749	2750	2751	2752	2753	2754	2755	2756	2757	2758	2759	2760	2761	2762	2763	2764	2765	2766	2767	2768	2769	2770	2771	2772	2773	2774	2775	2776	2777	2778	2779	2780	2781	2782	2783	2784	2785	2786	2787	2788	2789	2790	2791	2792	2793	2794	2795	2796	2797	2798	2799	2800	2801	2802	2803	2804	2805	2806	2807	2808	2809	2810	2811	2812	2813	2814	2815	2816	2817	2818	2819	2820	2821	2822	2823	2824	2825	2826	2827	2828	2829	2830	2831	2832	2833	2834	2835	2836	2837	2838	2839	2840	2841	2842	2843	2844	2845	2846	2847	2848	2849	2850	2851	2852	2853	2854	2855	2856	2857	2858	2859	2860	2861	2862	2863	2864	2865	2866	2867	2868	2869	2870	2871	2872	2873	2874	2875	2876	2877	2878	2879	2880	2881	2882	2883	2884	2885	2886	2887	2888	2889	2890	2891	2892	2893	2894	2895	2896	2897	2898	2899	2900	2901	2902	2903	2904	2905	2906	2907	2908	2909	2910	2911	2912	2913	2914	2915	2916	2917	2918	2919	2920	2921	2922	2923	2924	2925	2926	2927	2928	2929	2930	2931	2932	2933	2934	2935	2936	2937	2938	2939	2940	2941	2942	2943	2944	2945	2946	2947	2948	2949	2950	2951	2952	2953	2954	2955	2956	2957	2958	2959	2960	2961	2962	2963	2964	2965	2966	2967	2968	2969	2970	2971	2972	2973	2974	2975	2976	2977	2978	2979	2980	2981	2982	2983	2984	2985	2986	2987	2988	2989	2990	2991	2992	2993	2994	2995	2996	2997	2998	2999	3000	3001	3002	3003	3004	3005	3006	3007	3008	3009	3010	3011	3012	3013	3014	3015	3016	3017	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